

2151  
#6  
SP

11-12-03

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	46082,807
	Filing Date	02/22/2002
	First Named Inventor	David Bau III
	Art Unit	2151
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	109870-130103

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**Technology Center 2100**

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to a Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1) Copies of 20 IDS citations; and 2) Return Receipt Postcard.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Jason K. Klindtworth, Reg. No. 47,211 SCHWABE, WILLIAMSON & WYATT, P.C.
Signature	
Date	04/03/2003

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 04/03/2003	
Typed or printed	Heather L. Adamson
Signature	
Date	04/03/2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 0.00

## Complete if Known

Application Number 10/082,807  
Filing Date February 22, 2002  
First Named Inventor David Bau III  
Examiner Name Not Yet Assigned  
Art Unit 2151  
Attorney Docket No. 109870-130103

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Technology Center 2100

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 500393  
Deposit Account Name Schwabe, Williamson & Wyatt, P.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims  -20\*\* =  X  =   
Independent Claims  -3\*\* =  X  =   
Multiple Dependent  =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

## SUBMITTED BY

Name (Print/Type) Jason K. Klindtworth Registration No. 47,211 Telephone 503-222-9981  
Signature Date 04/03/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Attorney's Docket No. 109870-130103

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application for:

Examiner: Not yet assigned

APR 11 2003

David Bau III, et al.

Art Group: 2151

Technology Center 2100

Application No.: 10/082,807

Filed: 02/22/2002

For: ANNOTATION BASED  
DEVELOPMENT PLATFORM FOR  
ASYNCHRONOUS WEB  
SERVICES

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on:

Date of Deposit: April 3, 2003

Name of Person Mailing: Heather L. Adamson

Signature: *Heather Adamson* Date: 4/3/2003

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.97(g), the submission of this Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, and, pursuant to 37 C.F.R. § 1.97(h), the submission of this IDS is not to be construed as an admission that the information cited in this IDS is material to patentability.

This IDS is being submitted under one or more of the following sections of 37

C.F.R. § 1.97 (as indicated by an "X" to the left of the appropriate paragraph(s)):

  X   37 C.F.R. § 1.97(b). Filed:

- (1) Within three months of a National Application other than a CPA;
- (2) Within three months of entry into National Stage;
- (3) Before mailing of a first Office Action on the merits; or
- (4) Before mailing of a first Office Action after filing an RCE.

       37 C.F.R. § 1.97(c). Filed before the mailing of a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution.

And, ONE of the following:

(1) One statement from 37 C.F.R. § 1.97(e);

      (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

      (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS.

**OR**

(2) The fee set forth in 37 C.F.R. § 1.17(p).

      A check in the amount of \$180.00 is enclosed.

       37 C.F.R. § 1.97(d). Filed on or before payment of the issue fee.

And, BOTH of the following:

(1) one statement from 37 C.F.R. § 1.97(e);

      (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

      (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS.

**AND**

(2) The fee set forth in 37 C.F.R. § 1.17(p).

      A check in the amount of \$180.00 is enclosed.

Accompanying this IDS is a listing of references and a copy of each reference, EXCEPT references pursuant to one or more of the following sections of 37 C.F.R. § 1.98 (as indicated by an "X" to the left of the appropriate paragraph(s)):

\_\_\_\_\_ 37 C.F.R. § 1.98(c) as being cumulative (marked with an "\*\*").

\_\_\_\_\_ 37 C.F.R. § 1.98(d) as being previously submitted in parent application  
\_\_\_\_\_/\_\_\_\_\_, to which the present application claims priority under 35  
U.S.C. § 120.

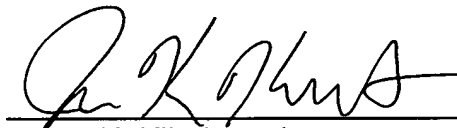
The Commissioner is hereby authorized to charge shortages or credit overpayments to Deposit Account No. 500393. A Fee Transmittal is enclosed in duplicate for fee processing purposes.

Respectfully submitted,

SCHWABE, WILLIAMSON & WYATT, P.C.

Dated: \_\_\_\_\_

4/3/03



Jason K. Klindtworth

Registration No. 47,211

Pacwest Center, Suites 1600-1900  
1211 SW Fifth Avenue  
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Telephone: 503-222-9981



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Sheet

1

of

2

Application Number

10/082,807

Filing Date

02/22/2002

First Named Inventor

David Bau III

### Group Art Unit

2151

Examiner Name

Not yet assigned

Attorney Docket Number

109870-130103

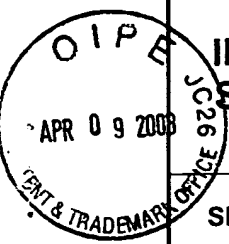
## U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner  
Signature

Date  
Considered

**Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			
Sheet	2	of	2

Complete if Known	
Application Number	10/082,807
Filing Date	02/22/2002
First Named Inventor	David Bau III
Group Art Unit	2151
Examiner Name	Not yet assigned
Attorney Docket Number	109870-130103

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OTHER ART (INCLUDING TITLE, AUTHOR, DATE, PERTINENT PAGES, ETC.)

Exam. Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	11	BANBARA et al., "Translating a Linear Logic Programming Language into Java," Electronic Notes in Theoretical Computer Science, 1999, pgs. 1-15
	12	BINDING et al., "Generation of Java Beans to Access XML Data," Proceedings of the first International Conference on Web Information Systems Engineering, June 2000, vol. 2, pgs. 143-149
	13	CHANDRAMOULI, R., "Application of XML Tools for Enterprise-Wide RBAC Implementation Tasks," Proceedings of the 5 <sup>th</sup> ACM Workshop on Role-based Access Control, July 2000, pgs. 11-18
	14	HA et al., "Mapping XML Documents to the Object-Relational Form," IEEE, 06/12/01, pgs. 1757-1761
	15	IMAMURA et al., "Mapping between ASN.1 and XML," January 2001, Proceedings of the 2001 Symposium on Application and the Internet, pgs. 57-64
	16	RUNDENSTEINER et al., "Maintaining Data Warehouses over Changing Information Sources," Communications of the ACM, June 2000, vol. 43, no. 6, pgs. 57-62
	17	SAHUGUET et al., "Looking at the Web through XML glasses," Proceedings of the 1999 IFCIS International Conference on Cooperative Information Systems, September 1999, pgs. 148-159
	18	SUZUKI et al., "Managing the Software Design documents with XML," ACM, 1998, pgs. 127-136
	19	WALLACE et al., "Haskell and XML: Generic Combinations or Type-Based Translation?" ACM, 1999, pgs. 148-159
	20	ZWOL et al., "The Webspace Method: On the Integration of Database Technology with Multimedia Retrieval," Proceedings of the 9 <sup>th</sup> International Conference on Information and Knowledge Management, November 2000, pgs. 438-445

Examiner Signature		Date Considered	
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**Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.